

Title (en)

Method for joining two workpieces without the use foreign material and joined workpiece

Title (de)

Verfahren zum fremdstofffreien Fugen zweier Werkstücke sowie nach diesem Verfahren gefugtes Werkstück

Title (fr)

Procédé de liaison sans usage de matière étrangère de deux pièces de travail et pièce de travail assemblée

Publication

**EP 1522550 A3 20101013 (DE)**

Application

**EP 04405620 A 20041005**

Priority

CH 17172003 A 20031009

Abstract (en)

[origin: EP1522550A2] Method for joining two workpieces (10, 16) comprises irradiating the surface (13') of one workpiece with UV. The workpieces are then brought into contact and pressed against each other at 15 - 30[deg]C. An independent claim is included for workpieces joined together using the method.

IPC 8 full level

**B29C 59/00** (2006.01); **B29C 65/00** (2006.01); **B29C 65/64** (2006.01); **B29C 65/78** (2006.01); **B29C 71/04** (2006.01); **C08J 5/12** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [XP] WO 2004078460 A1 20040916 - KURARAY CO [JP], et al
- [XII] US 5421953 A 19950606 - NAGAKUBO MASAO [JP], et al
- [A] US 5846638 A 19981208 - MEISSNER HELMUTH E [US]
- [A] EP 0769517 A1 19970423 - DAIKIN IND LTD [JP]
- [A] US 5500459 A 19960319 - HAGEMeyer ALFRED [DE], et al
- [A] WO 0121384 A1 20010329 - NEYER ANDREAS [DE], et al
- [A] JP H1092702 A 19980410 - AGENCY IND SCIENCE TECHN
- [A] US 4803021 A 19890207 - WERTH DENNIS L [US], et al & EP 1604804 A1 20051214 - KURARAY CO [JP] & EP 1849580 A2 20071031 - KURARAY CO [JP]

Cited by

DE102018211118A1; EP2236575A4; EP2335918A4

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